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Impacts of Compound Hydrological Hazards or Extremes

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Deadline for manuscript submissions:
closed (31 October 2019)

Message from the Guest Editors

Dear Colleagues,

Hydro-hazards have devastating social, environmental and economic impacts, with vulnerable members of society often disproportionately affected. The impacts cross many different sectors and communities, including infrastructure, built and natural environments, the elderly or young, human health, economic activity, and cultural heritage.

This Special Issue focusses on research into the impacts of hydro-hazards. Specifically, papers are invited investigating the impacts of compound hydro-hazards, such as:

- extreme precipitation, river discharge or storm surge interactions leading to floods;
- the clustering of spatially- and/or temporally-dependent storms leading to flooding;
- uncertainty estimation of hydro-hazard risks under climate change ;
- compound hydro-hazard management case studies or champion projects;
- multi-hazard assessment, response, recovery and planning tools for decision support;
- resilience assessment and modelling for multi-hydro-hazard resilient environments.

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Dr. Christopher White
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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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